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AUTHOR Keller, Michael
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ABSTRACT

This document presents enrollment projections for the public colleges and universities in Maryland through the year 2011. These are headcount projections for each higher education institution, with breakdowns by full-and part-time undergraduates and, as applicable, full- and part-time graduate and professional students. Full-time equivalent (FTE) and full-time day equivalent (FTDE) projections were calculated by applying a mathematical formula to the headcount figures. Projections were also developed for state-eligible FTE noncredit continuing education enrollments at the community colleges. Projections suggest that the total headcount enrollment at Maryland public institutions of higher education will increase by 24%, more than 56,000 students, by 2011. This is 5,000 students below the forecast for the 2001-2010 period the previous year, reflecting the anticipated slower growth of higher education enrollments in the post "baby boom echo" period. Total enrollments during the next 10 years are expected to grow by 16% at the community colleges and 30% at the public four-year college and university campuses. At two-year colleges, full-time students are projected to soar by 29% and part-time enrollments are expected to increase by 10%. In contrast, at four-year institutions, full-time undergraduates are expected to increase by 13%, and part-time enrollments are expected to experience a 52% increase. (SLD)



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ENROLLMENT PROJECTIONS

2002 - 2011

MARYLAND PUBLIC COLLEGES AND UNIVERSITIES

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839 Bestgate Rd. • Suite 400 • Annapolis, MD 21401-3013

Principal Author: Michael Keller

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ENROLLMENT PROJECTIONS - MARYLAND PUBLIC COLLEGES AND UNIVERSITIES

The Maryland Higher Education Commission has prepared enrollment projections for the public colleges and universities in the state through the year 2011. There are headcount projections for each higher education institution, with breakdowns by full- and part-time undergraduates and, as applicable, full- and part-time graduate/professional students. Full-time equivalent (FTE) and full-time day equivalent (FTDE) projections were calculated by applying a mathematical formula to the headcount figures. Projections also have been developed for state-eligible FTE noncredit continuing education enrollments at the community colleges.

These projections provide perspective to higher education policy discussions at the state level, including facilities planning, tuition and fees issues, articulation, and funding priorities.

The Commission used separate, but similar, methodologies for projecting the credit enrollments at the community colleges and public four-year institutions. A third method was applied to produce the projections of noncredit continuing education enrollments at the community colleges. All three models involve the application of a linear regression analysis. The models, which were developed by the Commission staff, were conservative last year in predicting total credit headcount students at both the community colleges (95.7 percent) and the public four-year campuses (97.1 percent) and the noncredit enrollments at the community colleges (91.4 percent). The outcome at the community colleges may be due to the downturn in the economy which is customarily accompanied by a corresponding increase in college enrollments. The difference between actual and predicted enrollments at the public four-year institutions was largely impacted by University of Maryland University College, which exceeded the Commission's expectations even though the projections had built in strong growth for this campus. Full-time undergraduates at several campuses of University System of Maryland also surpassed predictions. A description of the methodology is appended to this report.

Assumptions of the Projection Models

- *Credit enrollments* among Maryland residents can be predicted by applying the historical relationship between the state's population and past in-state enrollments to future population projections.
- The ratio of in-state to out-of-state students in Maryland will be relatively constant over time.
- The number of full-time undergraduates at both the community colleges and public four-year campuses will be affected by the trends in high school graduates.
- The number of full-time undergraduates at public four-year campuses will be influenced by the number of full-time students enrolling at the state's community colleges.
- Tuition increases will have an impact on full- and part-time community college enrollments.
- The number of part-time undergraduates at both the community colleges and public four-year campuses will be impacted by changes in the per capita income, in constant dollars, of Maryland residents.
- *Noncredit continuing education enrollments* at community colleges can be forecasted by applying the historical relationship between the adult population 20 years of age or older in the county or service area of each two-year institution and past noncredit enrollments at each campus to future population projections.

Students were distributed among the community colleges chiefly on the basis of the recent market share, growth rate of each institution, and the anticipated change in the college-age population in each campus.

county or counties. The predicted number of students for the four-year campuses was determined largely by an examination of institution-provided projections, although the recent market share and growth rate of each campus also were factors.

Highlights of the Enrollment Projections

- Total headcount enrollment at Maryland public colleges and universities is projected to increase by 24 percent, or by more than 56,000 students, in 2011. This is 5,000 students below the forecast for the 2001-2010 period last year and reflects the anticipated slower growth of higher education enrollments in the post "baby boom echo" period. Total enrollments during the next 10 years are expected to grow by 16 percent (17,601) at the community colleges and by 30 percent (38,425) at the public four-year campuses.
- There will be a sharp difference between the community colleges and the public four-year institutions in the growth rates of full- and part-time undergraduates during the next 10 years. At the two-year colleges, full-time students are projected to soar by 29 percent while part-time enrollments are expected to increase by 10 percent. In contrast, at the public four-year campuses, full-time undergraduates are anticipated to rise by 13 percent while part-time undergraduate enrollments experience a 52 percent leap.
- Full-time graduate and professional enrollment is projected to increase by 13 percent by 2011, and part-time students will rise by 73 percent.
- FTE and FTDE enrollments at the community colleges are expected to increase by 20 percent. FTE and FTDE figures are projected to grow by 20 percent and 9 percent respectively at the public four-year institutions; the difference between the two statistics is due to substantial growth in FTES at UMUC and the absence of any FTDE numbers for this institution.

- Of the anticipated additional students at Maryland public campuses by 2011, 72 percent will be undergraduates, but just 35 percent will be full-time undergraduates. This is the result of the expected extraordinary increase of part-time undergraduates and graduate students at UMUC because of on-line enrollments.
- State-funded FTE continuing education enrollments at the community colleges are projected to rise by 29 percent to 27,898 during the 10-year period. This is above the percentage increase predicted for 2001-2010 last year -- and more than 4,500 additional FTE students. The revision in the projections reflects the strong gains in these enrollments in the past few years and the growing popularity of continuing education courses at two-year institutions.

Projections of Headcount Enrollment at Maryland Community Colleges

	FALL 01 FY 02 Actual	FALL 02 FY 03 Projected	FALL 03 FY 04 Projected	FALL 04 FY 05 Projected	FALL 05 FY 06 Projected	FALL 06 FY 07 Projected	FALL 07 FY 08 Projected	FALL 08 FY 09 Projected	FALL 09 FY 10 Projected	FALL 10 FY 11 Projected	FALL 11 FY 12 Projected	% Change 01-11
Allegany College of MD												
Full-time	1,605	1,636	1,661	1,691	1,763	1,782	1,831	1,881	1,867	1,921	1,916	19%
Part-time	1,274	1,286	1,287	1,264	1,270	1,282	1,294	1,306	1,321	1,333	1,332	5%
Total Headcount	2,879	2,922	2,948	2,955	3,033	3,064	3,125	3,187	3,188	3,254	3,248	13%
Anne Arundel CC												
Full-time	4,114	4,259	4,521	4,713	4,711	4,850	4,992	4,972	5,112	5,209	5,285	28%
Part-time	8,701	8,673	8,758	8,903	9,026	9,194	9,362	9,531	9,666	9,833	9,940	14%
Total Headcount	12,815	12,932	13,279	13,616	13,737	14,044	14,354	14,503	14,778	15,042	15,225	19%
Baltimore City CC												
Full-time	2,018	1,908	1,935	1,964	1,992	2,021	2,032	2,043	2,054	2,066	2,077	3%
Part-time	4,250	4,451	4,516	4,581	4,648	4,715	4,740	4,766	4,793	4,819	4,847	14%
Total Headcount	6,268	6,359	6,451	6,545	6,640	6,736	6,772	6,809	6,847	6,885	6,924	10%
Carroll CC												
Full-time	1,086	1,124	1,180	1,212	1,281	1,313	1,360	1,409	1,392	1,445	1,474	36%
Part-time	1,548	1,533	1,531	1,545	1,551	1,564	1,576	1,589	1,612	1,624	1,598	3%
Total Headcount	2,634	2,657	2,711	2,757	2,832	2,877	2,936	2,998	3,004	3,069	3,072	17%
CC Baltimore County												
Full-time	6,494	6,550	6,813	7,009	7,160	7,314	7,446	7,616	7,624	7,770	7,895	22%
Part-time	12,404	12,454	12,475	12,501	12,525	12,604	12,689	12,750	12,827	12,862	13,167	6%
Total Headcount	18,898	19,004	19,288	19,510	19,685	19,918	20,135	20,366	20,451	20,632	21,062	11%
Cecil CC												
Full-time	478	488	511	522	551	564	583	603	603	624	632	32%
Part-time	970	966	966	966	970	978	986	994	1,002	1,010	1,005	4%
Total Headcount	1,448	1,454	1,477	1,488	1,521	1,542	1,569	1,597	1,605	1,634	1,637	13%
Chesapeake CC												
Full-time	683	706	740	752	794	813	841	871	860	892	913	34%
Part-time	1,565	1,549	1,547	1,546	1,550	1,563	1,574	1,586	1,601	1,612	1,609	3%
Total Headcount	2,248	2,255	2,287	2,298	2,344	2,376	2,415	2,457	2,461	2,504	2,522	12%

Projections of Headcount Enrollment at Maryland Community Colleges

	FALL 01 FY 02 Actual	FALL 02 FY 03 Projected	FALL 03 FY 04 Projected	FALL 04 FY 05 Projected	FALL 05 FY 06 Projected	FALL 06 FY 07 Projected	FALL 07 FY 08 Projected	FALL 08 FY 09 Projected	FALL 09 FY 10 Projected	FALL 10 FY 11 Projected	FALL 11 FY 12 Projected	% Change 01-11
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Frederick CC												
Full-time	1,481	1,533	1,601	1,624	1,708	1,743	1,796	1,853	1,865	1,925	1,914	29%
Part-time	3,077	3,122	3,128	3,168	3,203	3,255	3,307	3,359	3,402	3,453	3,465	13%
Total Headcount	4,558	4,655	4,729	4,792	4,911	4,998	5,103	5,212	5,267	5,378	5,379	18%

Garrett CC												
Full-time	348	344	357	363	379	383	391	400	395	404	403	16%
Part-time	289	286	285	285	286	288	290	292	294	296	296	2%
Total Headcount	637	630	642	648	665	671	681	692	689	700	699	10%

Hagerstown CC												
Full-time	992	1,008	1,055	1,079	1,137	1,163	1,201	1,242	1,242	1,286	1,304	31%
Part-time	1,687	1,669	1,670	1,677	1,685	1,701	1,716	1,732	1,752	1,767	1,762	4%
Total Headcount	2,679	2,677	2,725	2,756	2,822	2,864	2,917	2,974	2,994	3,053	3,066	14%

Harford CC												
Full-time	1,891	1,949	2,048	2,117	2,238	2,296	2,380	2,468	2,468	2,565	2,589	37%
Part-time	3,364	3,350	3,355	3,355	3,373	3,409	3,444	3,478	3,503	3,536	3,546	5%
Total Headcount	5,255	5,299	5,403	5,472	5,611	5,705	5,824	5,946	5,971	6,101	6,135	17%

Howard CC												
Full-time	1,931	2,017	2,113	2,171	2,289	2,343	2,422	2,506	2,516	2,608	2,595	34%
Part-time	4,003	4,052	4,064	4,134	4,185	4,258	4,330	4,403	4,464	4,536	4,556	14%
Total Headcount	5,934	6,069	6,177	6,305	6,474	6,601	6,752	6,909	6,980	7,144	7,151	21%

Montgomery College												
Full-time	7,624	7,787	8,133	8,445	8,861	9,025	9,283	9,552	9,421	9,714	9,750	28%
Part-time	13,723	13,667	13,794	14,024	14,211	14,469	14,727	14,985	15,221	15,478	15,602	14%
Total Headcount	21,347	21,454	21,927	22,469	23,072	23,494	24,010	24,537	24,642	25,192	25,352	19%

Prince George's CC												
Full-time	3,144	3,328	3,526	3,626	3,880	3,965	4,136	4,311	3,881	4,516	4,504	43%
Part-time	9,143	8,850	8,829	8,851	8,884	8,984	9,125	9,262	9,681	9,528	9,533	4%
Total Headcount	12,287	12,178	12,355	12,477	12,764	12,949	13,261	13,573	13,562	14,044	14,037	14%

Projections of Headcount Enrollment at Maryland Community Colleges

FALL 01 FY 02 Actual	FALL 02 FY 03 Projected	FALL 03 FY 04 Projected	FALL 04 FY 05 Projected	FALL 05 FY 06 Projected	FALL 06 FY 07 Projected	FALL 07 FY 08 Projected	FALL 08 FY 09 Projected	FALL 09 FY 10 Projected	FALL 10 FY 11 Projected	FALL 11 FY 12 Projected	% Change 01-11
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Coll of Southern Maryland											
Full-time	2,229	2,337	2,466	2,510	2,668	2,751	2,866	2,988	3,129	3,198	43%
Part-time	4,574	4,619	4,632	4,646	4,677	4,731	4,785	4,839	4,939	4,883	7%
Total Headcount	6,803	6,956	7,098	7,156	7,345	7,482	7,651	7,827	8,068	8,081	19%

Wor-Wic CC											
Full-time	734	758	803	837	892	923	965	1,009	1,067	1,089	48%
Part-time	1,987	1,997	2,022	2,058	2,092	2,137	2,183	2,228	2,314	2,333	17%
Total Headcount	2,721	2,755	2,825	2,895	2,984	3,060	3,148	3,237	3,381	3,422	26%

Total Community Colleges											
Full-time	36,852	37,732	39,463	40,635	42,304	43,249	44,525	45,724	47,141	47,538	29%
Part-time	72,559	72,524	72,859	73,504	74,136	75,132	76,128	77,100	78,940	79,474	10%
Total Headcount	109,411	110,256	112,322	114,139	116,440	118,381	120,653	122,824	126,081	127,012	16%

Projections of Full-Time Equivalent and Full-Time Day Equivalent Enrollment
at Maryland Community Colleges

	FALL 02 FY 03 Projected	FALL 03 FY 04 Projected	FALL 04 FY 05 Projected	FALL 05 FY 06 Projected	FALL 06 FY 07 Projected	FALL 07 FY 08 Projected	FALL 08 FY 09 Projected	FALL 09 FY 10 Projected	FALL 10 FY 11 Projected	FALL 11 FY 12 Projected	% Change 02-11
Allegany College of MD											
FTES	1,947	1,971	1,992	2,062	2,083	2,133	2,184	2,176	2,230	2,225	14%
FTDES	1,408									1,609	14%

Anne Arundel CC											
FTES	7,365	7,664	7,911	7,951	8,152	8,356	8,393	8,584	8,741	8,856	20%
FTDES	4,809									5,783	20%

Baltimore City CC											
FTES	3,788	3,843	3,899	3,956	4,013	4,035	4,057	4,079	4,102	4,125	9%
FTDES	2,349									2,558	9%

Carroll CC											
FTES	1,570	1,623	1,658	1,726	1,761	1,810	1,861	1,852	1,907	1,926	23%
FTDES	1,126									1,381	23%

CC Baltimore County											
FTES	10,594	10,862	11,064	11,222	11,400	11,559	11,747	11,781	11,937	12,161	15%
FTDES	6,706									7,698	15%
Catonsville											
FTDES	3,018									3,479	15%
Dundalk											
FTDES	536									585	9%
Essex											
FTDES	3,152									3,633	15%

Cecil CC											
FTES	812	835	847	877	893	914	937	940	964	970	19%
FTDES	528									631	20%

Chesapeake CC											
FTES	1,189	1,222	1,233	1,275	1,298	1,329	1,362	1,356	1,391	1,410	19%
FTDES	615									729	19%

Projections of Full-Time Equivalent and Full-Time Day Equivalent Enrollment at Maryland Community Colleges

	FALL 02 FY 03 Projected	FALL 03 FY 04 Projected	FALL 04 FY 05 Projected	FALL 05 FY 06 Projected	FALL 06 FY 07 Projected	FALL 07 FY 08 Projected	FALL 08 FY 09 Projected	FALL 09 FY 10 Projected	FALL 10 FY 11 Projected	FALL 11 FY 12 Projected	% Change 02-11
Frederick CC											
FTES	2,643	2,715	2,752	2,851	2,904	2,977	3,053	3,080	2,993	3,152	19%
FTDES	1,559									1,860	19%

Garrett College											
FTES	442	455	461	478	482	491	501	496	506	505	14%
FTDES	379									433	14%

Hagerstown CC											
FTES	1,580	1,628	1,655	1,716	1,747	1,791	1,838	1,844	1,824	1,910	21%
FTDES	1,095									1,324	21%

Harford CC											
FTES	2,983	3,081	3,148	3,272	3,340	3,433	3,529	3,538	3,643	3,669	23%
FTDES	1,978									2,433	23%

Howard CC											
FTES	3,401	3,502	3,584	3,721	3,800	3,904	4,013	4,044	4,161	4,155	22%
FTDES	2,132									2,605	22%

Montgomery College											
FTES	13,367	13,788	14,209	14,727	14,997	15,370	15,754	15,698	16,108	16,192	21%
FTDES	8,956									10,849	21%
Rockville										6,303	17%
FTDES	5,374										
Takoma Park										2,582	31%
FTDES	1,970										
Germanantown										1,964	22%
FTDES	1,612										

Prince George's CC											
FTES	6,736	6,941	7,056	7,341	7,468	7,702	7,938	7,627	8,254	8,242	22%
FTDES	4,648									5,687	22%

Projections of Full-Time Equivalent and Full-Time Day Equivalent Enrollment at Maryland Community Colleges

	FALL 02 FY 03 Projected	FALL 03 FY 04 Projected	FALL 04 FY 05 Projected	FALL 05 FY 06 Projected	FALL 06 FY 07 Projected	FALL 07 FY 08 Projected	FALL 08 FY 09 Projected	FALL 09 FY 10 Projected	FALL 10 FY 11 Projected	FALL 11 FY 12 Projected	% Change 02-11
College of Southern Maryland											
FTES	3,905	4,040	4,089	4,258	4,360	4,494	4,635	4,659	4,811	4,861	24%
FTDES	2,134									2,657	25%
La Plata											
FTDES	1,536									1,913	25%
Leonardtown											
FTDES	320									399	25%
Prince Frederick											
FTDES	277									345	25%
Wor-Wic CC											
FTES	1,556	1,614	1,665	1,737	1,787	1,850	1,914	1,940	2,009	2,040	31%
FTDES	996									1,306	31%
Total Community Colleges											
FTES	62,170	64,071	65,485	67,412	68,699	70,335	71,875	71,829	73,688	74,501	20%
FTDES	41,418									49,543	20%

**PROJECTED STATE FUNDED NONCREDIT FULL-TIME EQUIVALENT TRENDS
MARYLAND COMMUNITY COLLEGES
FISCAL YEARS 2002 - 2011**

College	FY01 actual	FY02	FY03	FY04	FY05	FY06	FY07	FY08	FY09	FY10	FY11	Percent Change FY01- FY11
Allegany	427	402	417	432	448	468	485	503	521	539	556	30%
Anne Arundel	3,537	3,561	3,679	3,797	3,915	4,000	4,086	4,171	4,257	4,342	4,429	25%
Baltimore City	1,949	1,969	2,025	2,080	2,135	2,138	2,141	2,144	2,147	2,150	2,154	11%
Baltimore County	6,095	6,168	6,248	6,336	6,431	6,534	6,645	6,764	6,846	6,982	7,009	15%
Carroll	528	506	538	570	603	647	691	735	779	823	858	63%
Cecil	386	391	396	401	406	411	416	421	426	431	436	13%
Chesapeake	658	695	735	777	821	868	917	969	1,024	1,082	1,142	74%
Frederick	268	292	318	346	376	407	437	467	498	528	560	109%
Garrett	152	154	156	158	160	161	162	163	164	165	166	9%
Hagerstown	557	596	616	636	656	682	708	734	759	785	810	45%
Harford	968	982	996	1,010	1,024	1,040	1,056	1,072	1,088	1,104	1,117	15%
Howard	1,046	1,045	1,067	1,089	1,111	1,128	1,145	1,162	1,179	1,197	1,208	15%
Montgomery	1,191	1,332	1,491	1,649	1,808	1,959	2,111	2,263	2,415	2,566	2,698	127%
Prince George's	2,547	2,586	2,626	2,666	2,706	2,748	2,790	2,833	2,876	2,919	2,972	17%
Southern Maryland	568	576	591	605	619	633	648	662	677	692	707	24%
Wor-Wic	693	717	754	792	834	875	915	956	997	1,037	1,076	55%
SYSTEMWIDE	21,570	21,972	22,653	23,344	24,053	24,699	25,353	26,019	26,653	27,342	27,898	29%

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Projections of Headcount Enrollment at Maryland Public Four-Year Institutions

	FALL 01 FY 02 Actual	FALL 02 FY 03 Projected	FALL 03 FY 04 Projected	FALL 04 FY 05 Projected	FALL 05 FY 06 Projected	FALL 06 FY 07 Projected	FALL 07 FY 08 Projected	FALL 08 FY 09 Projected	FALL 09 FY 10 Projected	FALL 10 FY 11 Projected	FALL 11 FY 12 Projected	% Change 01-11
Bowie												
Undergraduate												
Full-time	2,635	2,740	2,930	3,207	3,386	3,495	3,580	3,580	3,580	3,580	3,580	36%
Part-time	907	1,024	1,112	1,220	1,258	1,258	1,258	1,258	1,258	1,258	1,258	39%
Total Undergraduate	3,542	3,764	4,042	4,427	4,644	4,753	4,838	4,838	4,838	4,838	4,838	37%
Graduate												
Full-time	300	301	327	344	380	405	421	432	440	445	448	49%
Part-time	1,339	1,348	1,378	1,398	1,437	1,463	1,480	1,492	1,499	1,505	1,508	13%
Total Graduate	1,639	1,649	1,705	1,742	1,817	1,868	1,901	1,924	1,939	1,950	1,956	19%
Total Headcount	5,181	5,413	5,747	6,169	6,461	6,621	6,739	6,762	6,777	6,788	6,794	31%
Coppin												
Undergraduate												
Full-time	2,351	2,323	2,350	2,385	2,421	2,494	2,568	2,646	2,725	2,807	2,891	23%
Part-time	888	1,000	1,006	1,005	1,032	1,028	1,024	1,040	1,071	1,102	1,135	28%
Total Undergraduate	3,239	3,323	3,356	3,390	3,453	3,522	3,592	3,686	3,796	3,909	4,026	24%
Graduate												
Full-time	36	30	32	37	43	44	46	48	48	49	50	39%
Part-time	728	714	760	804	820	836	852	868	873	901	928	27%
Total Graduate	764	744	792	841	863	880	898	916	921	950	978	28%
Total Headcount	4,003	4,067	4,148	4,231	4,316	4,402	4,490	4,602	4,717	4,859	5,004	25%
Frostburg												
Undergraduate												
Full-time	4,027	4,068	4,108	4,149	4,191	4,232	4,275	4,317	4,361	4,404	4,449	10%
Part-time	327	330	334	337	340	344	347	351	354	358	361	10%
Total Undergraduate	4,354	4,398	4,442	4,486	4,531	4,576	4,622	4,668	4,715	4,762	4,810	10%
Graduate												
Full-time	206	208	209	211	213	216	218	220	222	224	227	10%
Part-time	723	730	738	745	753	760	768	776	784	792	799	11%
Total Graduate	929	938	947	956	966	976	986	996	1,006	1,016	1,026	10%
Total Headcount	5,283	5,336	5,389	5,442	5,497	5,552	5,608	5,664	5,721	5,778	5,836	10%

Projections of Headcount Enrollment at Maryland Public Four-Year Institutions

FALL 01 FY 02 Actual	FALL 02 FY 03 Projected	FALL 03 FY 04 Projected	FALL 04 FY 05 Projected	FALL 05 FY 06 Projected	FALL 06 FY 07 Projected	FALL 07 FY 08 Projected	FALL 08 FY 09 Projected	FALL 09 FY 10 Projected	FALL 10 FY 11 Projected	FALL 11 FY 12 Projected	% Change 01-11
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Salisbury											
Undergraduate											
Full-time	5,280	5,525	5,698	5,840	5,950	6,040	6,115	6,249	6,305	6,355	20%
Part-time	780	725	720	712	708	706	704	700	699	698	-11%
Total Undergraduate	6,060	6,250	6,418	6,552	6,658	6,746	6,819	6,949	7,004	7,053	16%
Graduate											
Full-time	118	123	125	127	129	135	139	146	148	150	27%
Part-time	504	515	530	546	586	626	659	694	711	722	43%
Total Graduate	622	638	655	673	715	761	798	840	859	872	40%
Total Headcount	6,682	6,888	7,073	7,225	7,373	7,507	7,617	7,789	7,863	7,925	19%

Towson											
Undergraduate											
Full-time	11,757	11,850	11,850	11,850	11,850	11,900	11,900	11,900	11,900	11,900	1%
Part-time	2,202	2,180	2,213	2,236	2,265	2,294	2,324	2,428	2,481	2,536	15%
Total Undergraduate	13,959	14,030	14,063	14,086	14,115	14,194	14,224	14,328	14,381	14,436	3%
Graduate											
Full-time	706	721	728	732	741	763	787	813	839	905	28%
Part-time	2,315	2,481	2,572	2,594	2,623	2,670	2,741	2,831	2,937	3,178	37%
Total Graduate	3,021	3,202	3,300	3,326	3,364	3,433	3,528	3,644	3,776	4,083	35%
Total Headcount	16,980	17,232	17,363	17,412	17,479	17,627	17,752	17,919	18,104	18,519	9%

University of Baltimore											
Undergraduate											
Full-time	890	930	944	966	989	987	1,009	1,024	1,037	1,049	18%
Part-time	1,103	1,100	1,108	1,135	1,161	1,159	1,185	1,204	1,219	1,231	12%
Total Undergraduate	1,993	2,030	2,052	2,101	2,150	2,146	2,194	2,228	2,256	2,280	14%
Graduate											
Full-time	1,424	1,460	1,569	1,596	1,634	1,700	1,737	1,838	1,861	1,881	32%
Part-time	1,222	1,247	1,267	1,307	1,336	1,390	1,421	1,504	1,523	1,539	26%
Total Graduate	2,646	2,707	2,836	2,903	2,970	3,090	3,158	3,342	3,384	3,420	29%
Total Headcount	4,639	4,737	4,888	5,004	5,120	5,236	5,352	5,570	5,640	5,700	23%

Projections of Headcount Enrollment at Maryland Public Four-Year Institutions

FALL 01 FY 02 Actual	FALL 02 FY 03 Projected	FALL 03 FY 04 Projected	FALL 04 FY 05 Projected	FALL 05 FY 06 Projected	FALL 06 FY 07 Projected	FALL 07 FY 08 Projected	FALL 08 FY 09 Projected	FALL 09 FY 10 Projected	FALL 10 FY 11 Projected	FALL 11 FY 12 Projected	% Change 01-11
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UMIB											
Undergraduate	Full-time	533	562	587	592	602	612	612	622	632	19%
	Part-time	284	282	298	303	308	313	313	318	318	12%
Total Undergraduate		817	844	885	895	910	925	925	940	950	16%
Graduate											
Full-time	3,513	3,700	3,742	3,803	3,852	3,865	3,900	3,936	3,974	4,010	14%
	Part-time	1,146	1,035	1,005	989	937	921	925	936	941	-18%
Total Graduate		4,659	4,735	4,747	4,792	4,802	4,821	4,861	4,910	4,951	6%
Total Headcount		5,476	5,579	5,632	5,687	5,712	5,746	5,786	5,850	5,901	8%

UMBC											
Undergraduate	Full-time	7,572	7,647	7,718	7,742	7,776	7,804	7,805	7,804	7,806	3%
	Part-time	1,756	1,773	1,790	1,795	1,803	1,810	1,810	1,810	1,810	3%
Total Undergraduate		9,328	9,420	9,508	9,537	9,579	9,614	9,615	9,614	9,616	3%
Graduate											
Full-time	920	929	938	948	957	967	977	986	1,006	1,016	10%
	Part-time	989	1,142	1,248	1,302	1,336	1,360	1,408	1,459	1,486	50%
Total Graduate		1,909	2,071	2,186	2,250	2,293	2,327	2,394	2,465	2,502	31%
Total Headcount		11,237	11,491	11,694	11,787	11,872	11,935	12,008	12,079	12,118	8%

UNICP											
Undergraduate	Full-time	22,412	22,270	22,450	22,680	22,880	23,090	23,210	23,420	23,420	4%
	Part-time	2,687	2,610	2,490	2,370	2,260	2,160	1,940	1,730	1,730	-36%
Total Undergraduate		25,099	24,880	24,940	25,050	25,140	25,140	25,150	25,150	25,150	0%
Graduate											
Full-time	5,432	5,540	5,600	5,640	5,650	5,660	5,650	5,640	5,640	5,640	4%
	Part-time	3,629	3,700	3,750	3,770	3,780	3,790	3,780	3,780	3,780	4%
Total Graduate		9,061	9,240	9,350	9,410	9,430	9,450	9,420	9,420	9,420	4%
Total Headcount		34,160	34,120	34,290	34,460	34,570	34,590	34,570	34,570	34,570	1%

**Projections of Headcount Enrollment
at Maryland Public Four-Year Institutions**

FALL 01 FY 02 Actual	FALL 02 FY 03 Projected	FALL 03 FY 04 Projected	FALL 04 FY 05 Projected	FALL 05 FY 06 Projected	FALL 06 FY 07 Projected	FALL 07 FY 08 Projected	FALL 08 FY 09 Projected	FALL 09 FY 10 Projected	FALL 10 FY 11 Projected	FALL 11 FY 12 Projected	% Change 01-11
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UMES

Undergraduate	Full-time	2,393	2,599	2,677	2,725	2,773	2,821	2,869	2,917	2,965	3,013	3,061	28%
	Part-time	743	412	421	430	439	448	457	467	476	485	494	-34%
Total Undergraduate		3,136	3,011	3,098	3,155	3,212	3,269	3,326	3,384	3,441	3,498	3,555	13%
Graduate	Full-time	31	32	34	35	37	40	42	45	48	51	54	74%
	Part-time	259	180	184	187	192	196	199	202	207	211	214	-17%
Total Graduate		290	212	218	222	229	236	241	247	255	262	268	-8%
Total Headcount		3,426	3,223	3,316	3,377	3,441	3,505	3,567	3,631	3,696	3,760	3,823	12%

UMUC

Undergraduate	Full-time	2,181	2,502	2,707	2,842	2,955	3,103	3,311	3,509	3,719	3,979	4,298	97%
	Part-time	13,881	15,926	17,227	18,088	18,808	19,749	21,071	22,335	23,669	25,326	27,352	97%
Total Undergraduate		16,062	18,428	19,934	20,930	21,763	22,852	24,382	25,844	27,388	29,305	31,650	97%
Graduate	Full-time	289	300	300	300	300	350	350	350	350	350	350	21%
	Part-time	5,882	6,478	6,919	7,646	8,568	9,550	10,723	12,052	13,360	15,005	16,848	186%
Total Graduate		6,171	6,778	7,219	7,946	8,868	9,900	11,073	12,402	13,710	15,355	17,198	179%
Total Headcount		22,233	25,206	27,153	28,876	30,631	32,752	35,455	38,246	41,098	44,660	48,848	120%

TOTAL SYSTEM OF MD.

Undergraduate	Full-time	62,031	63,016	64,019	64,978	65,763	66,453	67,124	67,693	68,260	68,871	69,441	12%
	Part-time	25,558	27,362	28,719	29,631	30,377	31,263	32,538	33,772	35,113	36,786	38,923	52%
Total Undergraduate		87,589	90,378	92,738	94,609	96,140	97,716	99,662	101,465	103,373	105,657	108,364	24%
Graduate	Full-time	12,975	13,344	13,604	13,773	13,936	14,145	14,252	14,382	14,503	14,619	14,731	14%
	Part-time	18,736	19,570	20,351	21,288	22,389	23,578	24,927	26,480	27,996	29,874	31,943	70%
Total Graduate		31,711	32,914	33,955	35,061	36,325	37,723	39,179	40,862	42,499	44,493	46,674	47%
Total Headcount		119,300	123,292	126,693	129,670	132,465	135,439	138,841	142,327	145,872	150,150	155,038	30%

**Projections of Headcount Enrollment
at Maryland Public Four-Year Institutions**

FALL 01 FY 02 Actual	FALL 02 FY 03 Projected	FALL 03 FY 04 Projected	FALL 04 FY 05 Projected	FALL 05 FY 06 Projected	FALL 06 FY 07 Projected	FALL 07 FY 08 Projected	FALL 08 FY 09 Projected	FALL 09 FY 10 Projected	FALL 10 FY 11 Projected	FALL 11 FY 12 Projected	% Change 01-11
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Morgan State											
Undergraduate											
Full-time	5,139	5,309	5,710	5,846	6,081	6,180	6,303	6,357	6,485	6,613	30%
Part-time	835	888	999	1,024	1,048	1,090	1,112	1,122	1,144	1,167	41%
Total Undergraduate	5,974	6,197	6,709	6,870	7,129	7,270	7,415	7,479	7,629	7,847	31%
Graduate											
Full-time	281	294	325	337	318	329	310	322	303	296	9%
Part-time	243	256	412	441	483	570	607	698	737	765	256%
Total Graduate	524	550	737	778	801	899	917	1,020	1,040	1,061	124%
Total Headcount	6,498	6,747	7,446	7,648	7,930	8,169	8,332	8,499	8,669	8,841	39%

St. Mary's College											
Undergraduate											
Full-time	1,508	1,607	1,685	1,677	1,667	1,663	1,663	1,664	1,666	1,666	10%
Part-time	180	153	168	179	188	187	187	187	187	187	4%
Total Undergraduate	1,688	1,760	1,853	1,856	1,855	1,850	1,850	1,851	1,853	1,853	10%
Graduate											
Full-time	0	0	0	0	0	0	0	0	0	0	0%
Part-time	0	0	0	0	0	0	0	0	0	0	0%
Total Graduate	0	0	0	0	0	0	0	0	0	0	0%

TOTAL 4-YEAR PUBLIC											
Undergraduate											
Full-time	68,678	69,932	71,414	72,501	73,511	74,296	75,090	75,714	76,411	77,150	13%
Part-time	26,573	28,403	29,886	30,834	31,613	32,540	33,837	35,081	36,444	38,140	52%
Total Undergraduate	95,251	98,335	101,300	103,335	105,124	106,836	108,927	110,795	112,855	115,290	24%
Graduate											
Full-time	13,256	13,638	13,929	14,110	14,254	14,474	14,562	14,704	14,806	14,915	13%
Part-time	18,979	19,826	20,763	21,729	22,872	24,148	25,534	27,178	28,733	30,639	73%
Total Graduate	32,235	33,464	34,692	35,839	37,126	38,622	40,096	41,882	43,539	45,554	48%
Total Headcount	127,486	131,799	135,992	139,174	142,250	145,458	149,023	152,677	156,394	160,844	30%

Projections of Full-Time Equivalent and Full-Time Day Equivalent Enrollment at Maryland Public Four-Year Institutions

	FALL 02 FY 03 Projected	FALL 03 FY 04 Projected	FALL 04 FY 05 Projected	FALL 05 FY 06 Projected	FALL 06 FY 07 Projected	FALL 07 FY 08 Projected	FALL 08 FY 09 Projected	FALL 09 FY 10 Projected	FALL 10 FY 11 Projected	FALL 11 FY 12 Projected	% Change 02-11
Rowie											
FTES	3,845	4,101	4,439	4,681	4,824	4,931	4,946	4,956	4,963	4,967	29%
FTDES	2,219									2,866	29%
Coppin											
FTES	2,933	2,980	3,034	3,091	3,169	3,249	3,340	3,431	3,534	3,640	24%
FTDES	1,985									2,463	24%
Frostburg											
FTES	4,290	4,331	4,374	4,418	4,463	4,508	4,552	4,598	4,644	4,691	9%
FTDES	3,732									4,081	9%
Salisbury											
FTES	5,940	6,115	6,259	6,380	6,487	6,574	6,658	6,722	6,785	6,839	15%
FTDES	4,770									5,492	15%
Towson											
FTES	13,320	13,365	13,383	13,410	13,502	13,556	13,625	13,699	13,782	13,871	4%
FTDES	10,829									11,277	4%
University of Baltimore											
FTES	3,214	3,348	3,420	3,500	3,583	3,662	3,745	3,814	3,862	3,903	21%
FTDES	1,745									2,119	21%

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**Projections of Full-Time Equivalent and Full-Time Day Equivalent Enrollment
at Maryland Public Four-Year Institutions**

FALL 02 FY 03 Projected	FALL 03 FY 04 Projected	FALL 04 FY 05 Projected	FALL 05 FY 06 Projected	FALL 06 FY 07 Projected	FALL 07 FY 08 Projected	FALL 08 FY 09 Projected	FALL 09 FY 10 Projected	FALL 10 FY 11 Projected	FALL 11 FY 12 Projected	% Change 02-11
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UMIB										
FTES	5,498	5,571	5,644	5,689	5,710	5,728	5,802	5,864	5,920	8%
FTDES	4,170								4,468	7%

UMBC										
FTES	9,042	9,156	9,207	9,261	9,302	9,324	9,340	9,375	9,395	4%
FTDES	7,568								7,864	4%

UMCP										
FTES	27,520	27,720	27,937	28,100	28,173	28,229	28,296	28,364	28,425	3%
FTDES	26,061								26,918	3%

UMES										
FTES	2,933	3,020	3,075	3,132	3,189	3,245	3,303	3,361	3,418	18%
FTDES	2,690								3,187	18%

UMUC										
FTES	12,252	13,189	13,982	14,770	15,771	17,011	18,278	19,580	21,203	89%
FTDES	n/a								n/a	n/a

TOTAL SYSTEM OF MD.										
FTES	90,787	92,896	94,754	96,432	98,173	100,017	101,841	103,685	105,855	19%
FTDES (except UMUC)	65,769								70,735	8%

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Projections of Full-Time Equivalent and Full-Time Day Equivalent Enrollment at Maryland Public Four-Year Institutions

FALL 02 FY 03 Projected	FALL 03 FY 04 Projected	FALL 04 FY 05 Projected	FALL 05 FY 06 Projected	FALL 06 FY 07 Projected	FALL 07 FY 08 Projected	FALL 08 FY 09 Projected	FALL 09 FY 10 Projected	FALL 10 FY 11 Projected	FALL 11 FY 12 Projected	% Change 02-11
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Morgan State										
FTES	6,086	6,616	6,785	7,027	7,182	7,308	7,410	7,541	7,681	28%
FTDES	5,070								6,487	28%

St. Mary's College										
FTES	1,785	1,874	1,870	1,862	1,858	1,858	1,859	1,861	1,861	4%
FTDES	1,583								1,651	4%

TOTAL 4-YEAR PUBLIC										
FTES	98,658	101,386	103,409	105,321	107,213	109,183	111,110	113,087	115,397	20%
FTDES (except UMUC)	72,422								78,873	9%

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MARYLAND HIGHER EDUCATION COMMISSION
Enrollment Projection Model - Community Colleges

These are the assumptions and steps used in projecting the headcount enrollments at Maryland's public community colleges.

ASSUMPTIONS

1. Enrollments of Maryland residents can be forecast by matching the historical relationship between the state's population and past in-state enrollments, then incorporating population projections for the state.
2. The ratio of in-state to out-of-state students in Maryland will remain relatively constant.
3. Tuition increases will have an impact on full- and part-time community college enrollments.
4. The number of full-time students will be affected by trends in high school graduates.
5. The number of part-time students will be impacted by changes in the per capita income, calculated in constant dollars, of Maryland residents.

STEPS

1. Total enrollment at Maryland's community colleges during the past five years were categorized by gender, age (11 groupings), and enrollment status (full- and part-time). Students whose age was unknown were distributed in the other age categories on a proportional basis.
2. The percentage of students who were Maryland residents was determined for each gender and enrollment group.
3. The state's population during the five-year period was categorized by gender and the same age groupings. The actual and projected population figures were obtained from the Maryland Office of Planning.

4. A least-squares fit regression analysis was used to examine the relationship between the in-state enrollment (dependent variable) and the state's population (independent variable). This relationship was then applied to the population projections through the year 2011 to determine the projected enrollments of Maryland residents.
5. Out-of-state enrollments were projected to be consistent with the ratio of in-state to out-of-state students in the last year in which actual enrollment figures were available. Separate ratios were used for each of the gender and enrollment categories.
6. The annual percentage change over five years in the resident tuition and fees at Maryland community colleges, with a two-year lag time, was integrated inversely into the regression model as an independent variable for predicting the number of full-time students.
7. The annual percentage change over five years in the credit hour tuition and fees of residents in community college service areas, with a two-year lag time, was integrated inversely into the regression model as an independent variable for predicting the number of part-time students.
8. The annual projected change in the number of Maryland high school graduates through spring 2011 was integrated into the regression model as an independent variable for predicting the number of full-time students. Projections for Maryland high school graduates were obtained from the Western Interstate Commission for Higher Education.
9. The annual percentage change in the per capita income, in constant dollars, of Maryland residents over five years, with a two-year time lag, was integrated into the regression model as an independent variable for predicting the number of part-time students. The income information was obtained from the Bureau of Economic Analysis.
10. The projected number of full-time equivalent students (FTES) at each community college was calculated from the headcount enrollments. This conversion was made by: 1) computing headcount-driven FTES figures for each college for each year (the total number of full-time students plus one-third of the part-time), and 2) multiplying these figures by the average ratio of headcount- to credit hour-driven FTES over the past three years. A separate ratio was obtained for each college, and these ratios were applied to each year through 2011 (FY 2012).
11. The projected number of full-time day equivalent students (FTDES) at each community college was calculated by multiplying the FTES enrollments for each campus by the average ratio of credit hour-driven FTES to FTDES over the past three years. A separate ratio was obtained for each campus, and these ratios were applied to each year through 2011.

MARYLAND HIGHER EDUCATION COMMISSION
Enrollment Projection Model - Four Year Colleges and Universities

These are the assumptions and steps used in projecting the headcount enrollments at Maryland's public four-year colleges and universities.

ASSUMPTIONS

1. Enrollments of Maryland residents can be forecast by matching the historical relationship between the state's population and past in-state enrollments, then incorporating population projections for the state.
2. The ratio of in-state to out-of-state students in Maryland will remain relatively constant.
3. The number of full-time undergraduates will be affected by trends in high school graduates and the number of full-time students enrolling at the state's community colleges.
4. The number of part-time undergraduates will be impacted by changes in the per capita income, calculated in constant dollars, of Maryland residents.

STEPS

1. Total enrollment at Maryland's public four-year campuses during the past five years were categorized by gender, age (11 groupings), and enrollment status (full- and part-time, undergraduate and graduate/professional). Students whose age was unknown were distributed in the other age categories on a proportional basis.
2. The percentage of students who were Maryland residents was determined for each gender and enrollment group.
3. The state's population during the five-year period was categorized by gender and the same age groupings. The actual and projected population figures were obtained from the Maryland Office of Planning.

4. A least-squares fit regression analysis was used to examine the relationship between the in-state enrollment (dependent variable) and the state's population (independent variable). This relationship was then applied to the population projections through the year 2011 to determine the projected enrollments of Maryland residents.
5. Out-of-state enrollments were projected to be consistent with the ratio of in-state to out-of-state students in the last year in which actual enrollment figures were available. Separate ratios were used for each of the gender and enrollment categories.
6. The annual percentage change in the number of Maryland full-time community college students over five years, with a two-year time lag, was integrated into the regression model as an independent variable for predicting the number of full-time undergraduates.
7. The annual projected change in the number of Maryland high school graduates through spring 2011 was integrated into the regression model as an independent variable for predicting the number of full-time undergraduates. Projections for Maryland high school graduates were obtained from the Western Interstate Commission for Higher Education.
8. The annual percentage change in the per capita income, in constant dollars, of Maryland residents over five years, with a two-year time lag, was integrated into the regression model as an independent variable for predicting the number of part-time undergraduates. The income information was obtained from the Bureau of Economic Analysis.
9. The projected number of full-time equivalent students (FTES) at each public four-year institution was calculated from the headcount enrollments. This conversion was made by: 1) computing headcount-driven FTES figures for each campus for each year (the total number of full-time students plus one-third of the part-time), and 2) multiplying these figures by the average ratio of headcount- to credit hour-driven FTES over the past three years. A separate ratio was obtained for each college, and these ratios were applied to each year through 2011 (FY 2012).
10. The projected number of full-time day equivalent students (FTDES) at each public four-year institution was calculated by multiplying the FTES enrollment for each campus by the average ratio of credit hour-driven FTES to FTDES over the past three years. A separate ratio was obtained for each campus, and these ratios were applied to each year through 2011. A figure equaling 50 percent of the projected headcount enrollment at the University of Maryland School of Medicine was added to the FTDES of University of Maryland, Baltimore (UMB) in each year. The standard formula understates the FTDES at UMB since The School of Medicine does not operate on a credit hour basis.

MARYLAND HIGHER EDUCATION COMMISSION
Noncredit Continuing Education Enrollment Projection Model – Community Colleges

These are the assumptions and steps used in projecting the state-eligible full-time equivalent (FTE) noncredit continuing education enrollments at Maryland community colleges.

ASSUMPTIONS

1. The adult population 20 years of age or older in a community college's county or service area is a key predictor of noncredit continuing education enrollments.
2. Continuing education enrollments can be forecast by matching the historical relationship between state-funded FTE enrollments at each college and the adult population in the above age group in each college's respective county or service area to the population projections in each location.

STEPS

1. Total FTE noncredit continuing education enrollments at Maryland community colleges that are eligible for state funding were assembled for the past five years.
2. The number of residents 20 years of age or older in each Maryland county for the past five years was collected. This information was obtained from the Maryland Office of Planning.
3. A least-squares fit regression analysis was used to examine the relationship between the noncredit enrollment (dependent variable) and the population (independent variable). A separate regression analysis was performed for each college, using its own enrollment figures and the population in its county or service area.
4. Each of the 16 statistical relationships was then applied to the population projections for the appropriate county or service area through FY 2011 to determine the projected noncredit FTE continuing education enrollments for the individual community colleges. The projected population figures were obtained from the Maryland Office of Planning.



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